ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
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LABORATORY REPORT FORM

Laboratory Name: ORANGE COAST ANALYTICAL, INC.

Address: 3002 Dow Suite 532 Tustin, CA 92780

Telephone: (714) 832-0064

Laboratory Certification
(ELAP) No.: 1416 Expiration Date: 1999

Laboratory Director's Name (Print) : Mark Noorani

Client: Montgomery Watson

Project No.: 1206035.01090010

Project Name: The Boeing Company

Laboratory Reference: MWI 9711

Analytical Method: EPA 418.1, 8260, 8270, 8080, Title 22 Metals , 8015m , CCID

Date Sampled: 11/11/97
Date Received: 11/11/97
Date Reported: 11/19/97

Sample Matrix: Water & Soil

Chain of Custody Received: Yes

Laboratory Director's Signature: Mark Noorani

METHOD ID	LIMIT1 SOIL	LIMIT1 WATER	LAB CAS ID	PF CODE	SURROG FLG	Units	LAB CHEM	97110066	97110067	97110068	97110069	97110070	97110071	97110072	97110073
							SAMP TYPE	S	S	S	S	S	S	S	W
							RES CODE	PP01	PP01	PP01	PP01	PP01	PP01	PP01	BF11
							SAMP ID	WL-GS-13-5'	WL-GS-14-4'	WL-GS-15-5'	WL-GS-16-5'	WL-GS-17-6'	PL-GS-16-2'	PL-GS-17-3'	EQUIP BLANK
							SAMP DATE	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97
							SAMP TIME	9:30	9:40	9:50	10:05	10:15	13:15	13:45	14:35
							SAMP DEPTH	5'	4'	5'	5'	6'	2'	3'	
							PRESERVED								, N, H
							ICED	Y	Y	Y					Y
							RECEIVED	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97	11/11/97
							REC TIME	15:00	15:00	15:00	15:00	15:00	15:00	15:00	15:00
							BASIS	W	W	W	W	W	W	W	W
							Tested	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/14/97
418.1	8.0	0.5		T		ppm	Extractable Hydrocarbons	250	<	<	66	<	200	110	<
							Tested	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/13/97
6010	5.0	0.5		T		ppm	Antimony	<	<	<	<	<	<	<	<
6010	1.0	0.1		T		ppm	Arsenic	5.3	1.2	1.6	4.1	1.4	1.8	2.5	<
6010	0.1	0.01		T		ppm	Barium	87	100	110	90	95	110	110	<
6010	0.1	0.01		T		ppm	Beryllium	<	<	<	<	<	<	<	<
6010	0.1	0.01		T		ppm	Cadmium	0.81	<	<	0.52	<	<	<	<
							Tested	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97
7196	0.5	0.01		T		ppm	Chromium (VI)	<	<	<	<	<	<	<	<
							Tested	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/13/97
6010	0.1	0.01		T		ppm	Chromium Total	22	16	18	22	15	17	19	<
6010	0.5	0.1		T		ppm	Cobalt	7.4	7.1	7.4	7.6	8.5	8.5	9.3	<
6010	0.1	0.01		T		ppm	Copper	26	15	16	29	15	22	22	<
6010	1.0	0.1		T		ppm	Lead	10	2.4	2.6	15	2.3	4.6	3.7	<
							Tested	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97
7471	0.01	0.002		T		ppm	Mercury	<	<	<	<	<	<	<	<
							Tested	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/14/97	11/13/97
6010	0.5	0.1		T		ppm	Molybdenum	<	<	<	<	<	<	<	<
6010	0.5	0.1		T		ppm	Nickel	12	12	12	12	10	12	12	<
6010	1.0	0.1		T		ppm	Selenium	<	<	<	<	<	<	<	<
6010	0.1	0.1		T		ppm	Silver	<	<	<	<	<	<	<	<
6010	5.0	0.5		T		ppm	Thallium	<	<	<	<	<	<	<	<
6010	0.5	0.1		T		ppm	Vanadium	29	31	34	29	32	34	36	<
6010	0.1	0.01		T		ppm	Zinc	48	31	33	52	30	35	40	<
							Tested								
STLC		5.0		S		ppm	Antimony								
		1.0		S		ppm	Arsenic								
		0.1		S		ppm	Barium								
		0.1		S		ppm	Beryllium								
		0.1		S		ppm	Cadmium								
		0.5		S		ppm	Chromium (VI)								
		0.1		S		ppm	Chromium Total								
		0.5		S		ppm	Cobalt								
		0.1		S		ppm	Copper								

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		1.0		S		ppm	Lead								
		0.01		S		ppm	Mercury								
		0.5		S		ppm	Molybdenum								
		0.5		S		ppm	Nickel								
		1.0		S		ppm	Selenium								
		0.1		S		ppm	Silver								
		5.0		S		ppm	Thallium								
		0.5		S		ppm	Vanadium								
		0.1		S		ppm	Zinc								
							Tested								
TCLP		5.0		C		ppm	Antimony								
		1.0		C		ppm	Arsenic								
		0.1		C		ppm	Barium								
		0.1		C		ppm	Beryllium								
		0.1		C		ppm	Cadmium								
		0.5		C		ppm	Chromium (VI)								
		0.1		C		ppm	Chromium Total								
		0.5		C		ppm	Cobalt								
		0.1		C		ppm	Copper								
		1.0		C		ppm	Lead								
		0.01		C		ppm	Mercury								
		0.5		C		ppm	Molybdenum								
		0.5		C		ppm	Nickel								
		1.0		C		ppm	Selenium								
		0.1		C		ppm	Silver								
		5.0		C		ppm	Thallium								
		0.5		C		ppm	Vanadium								
		0.1		C		ppm	Zinc								
							Tested	11/14/97	11/14/97	11/14/97	11/14/97	11/17/97	11/12/97	11/12/97	11/13/97
							Dilution Factor	1	1	1	1	1	1	1	1
8260	2.5	0.5	71-43-2	T		ppb	Benzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-27-4	T		ppb	Bromodichloromethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-25-2	T		ppb	Bromoform	<	<	<	<	<	<	<	<
8260	2.5	1.0	74-83-9	T		ppb	Bromomethane	<	<	<	<	<	<	<	<
8260	5.0	0.5	75-15-0	T		ppb	Carbon Disulfide	<	<	<	<	<	<	<	<
8260	2.5	0.5	56-23-5	T		ppb	Carbon tetrachloride	<	<	<	<	<	<	<	<
8260	2.5	0.5	108-90-7	T		ppb	Chlorobenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	124-48-1	T		ppb	Chlorodibromomethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-00-3	T		ppb	Chloroethane	<	<	<	<	<	<	<	<
8260	5.0	0.5	110-75-8	T		ppb	2-Chloroethyl vinyl ether	<	<	<	<	<	<	<	<
8260	2.5	0.5	67-66-3	T		ppb	Chloroform	<	<	<	<	<	<	<	<
8260	2.5	0.5	74-87-3	T		ppb	Chloromethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-34-3	T		ppb	1,1-Dichloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	107-06-2	T		ppb	1,2-Dichloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-35-4	T		ppb	1,1-Dichloroethene	<	<	<	<	<	<	<	<
8260	2.5	0.5	156-60-5	T		ppb	Trans 1,2-Dichloroethene	<	<	<	<	<	<	<	<
8260	2.5	0.5	78-87-5	T		ppb	1,2-Dichloropropane	<	<	<	<	<	<	<	<
8260	2.5	0.5	10061-01-5	T		ppb	cis-1,3-Dichloropropene	<	<	<	<	<	<	<	<
8260	2.5	0.5	10061-02-6	T		ppb	trans-1,3-Dichloropropene	<	<	<	<	<	<	<	<
8260	2.5	0.5	100-41-4	T		ppb	Ethylbenzene	<	<	<	<	<	<	<	<

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8260	5.0	2.5	75-09-2	T		ppb	Methylene chloride	<	<	<	<	<	<	<	<
8260	2.5	0.5	100-42-5	T		ppb	Styrene	<	<	<	<	<	<	<	<
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	127-18-4	T		ppb	Tetrachloroethene	<	<	<	<	<	<	<	<
8260	2.5	0.5	108-88-3	T		ppb	Toluene	<	<	<	<	<	<	<	<
8260	2.5	0.5	71-55-6	T		ppb	1,1,1-Trichloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	79-00-5	T		ppb	1,1,2-Trichloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	79-01-6	T		ppb	Trichloroethene	<	<	<	<	<	<	<	<
8260	5.0	0.5	75-69-4	T		ppb	Trichlorofluoromethane	<	<	<	<	<	<	<	<
8260	5.0	1.0	108-05-4	T		ppb	Vinyl acetate	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-01-4	T		ppb	Vinyl chloride	<	<	<	<	<	<	<	<
8260	2.5	1.0	1330-20-7	T		ppb	Total Xylenes	<	<	<	<	<	<	<	<
8260	2.5	0.5	75-71-8	T		ppb	Dichlorodifluoromethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	156-59-2	T		ppb	cis-1-2,-Dichloroethene	<	<	<	<	<	<	<	<
8260	2.5	0.5	594-20-7	T		ppb	2,2-Dichloropropane	<	<	<	<	<	<	<	<
8260	2.5	0.5	74-97-5	T		ppb	Bromochloromethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	563-58-6	T		ppb	1,1-Dichloropropene	<	<	<	<	<	<	<	<
8260	2.5	0.5	74-95-3	T		ppb	Dibromomethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	106-93-4	T		ppb	1,2-Dibromoethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	142-28-9	T		ppb	1,3-Dichloropropane	<	<	<	<	<	<	<	<
8260	2.5	0.5	98-82-8	T		ppb	Isopropylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	79-34-5	T		ppb	1,1,2,2-Tetrachloroethane	<	<	<	<	<	<	<	<
8260	2.5	0.5	96-18-4	T		ppb	1,2,3-Trichloropropane	<	<	<	<	<	<	<	<
8260	2.5	0.5	108-86-1	T		ppb	Bromobenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	103-65-1	T		ppb	n-Propylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	95-49-8	T		ppb	2-Chlorotoluene	<	<	<	<	<	<	<	<
8260	2.5	0.5	108-67-8	T		ppb	1,3,5-Trimethylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	106-43-4	T		ppb	4-Chlorotoluene	<	<	<	<	<	<	<	<
8260	2.5	0.5	98-06-6	T		ppb	tert-Butylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	95-63-6	T		ppb	1,2,4-Trimethylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	135-98-8	T		ppb	sec-Butylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	99-87-6	T		ppb	4-Isopropyltoluene	<	<	<	<	<	<	<	<
8260	2.5	0.5	541-73-1	T		ppb	1,3-Dichlorobenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	106-46-7	T		ppb	1,4-Dichlorobenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	104-51-8	T		ppb	n-Butylbenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	95-50-1	T		ppb	1,2-Dichlorobenzene	<	<	<	<	<	<	<	<
8260	5.0	1.0	96-12-8	T		ppb	1,2-Dibromo-3-CPA	<	<	<	<	<	<	<	<
8260	2.5	0.5	120-82-1	T		ppb	1,2,4-Trichlorobenzene	<	<	<	<	<	<	<	<
8260	2.5	0.5	87-68-3	T		ppb	Hexachlorobutadiene	<	<	<	<	<	<	<	<
8260	2.5	0.5	91-20-3	T		ppb	Naphthalene	<	<	<	<	<	<	<	<
8260	2.5	0.5	87-61-6	T		ppb	1,2,3-Trichlorobenzene	<	<	<	<	<	<	<	<
					T	%	Dibromofluoromethane	99	96	98	98	92	101	99	100
					T	%	Toluene-d8	106	107	110	107	107	103	107	108
					T	%	4-Bromofluorobenzene	96	102	100	88	96	92	99	97
							Tested	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97
							Dilution Factor	1	1	1	1	1	1	1	1
8270	100	5.0	83-32-9	T		ppb	Acenaphthene	310	<	<	<	<	<	<	<
8270	100	5.0	208-96-8	T		ppb	Acenaphthylene	<	<	<	<	<	<	<	<
8270	100	5.0	62-53-3	T		ppb	Aniline	<	<	<	<	<	<	<	<
8270	100	5.0	120-12-7	T		ppb	Anthracene	540	<	<	<	<	<	<	<
8270	500	50	65-85-0	T		ppb	Benzoic Acid	<	<	<	<	<	<	<	<

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8270	100	5.0	56-55-3	T	ppb	Benzo (a) anthracene	460	<	<	<	<	<	<	<
8270	250	25	205-99-2	T	ppb	Benzo (b) fluoranthene	280	<	<	<	<	<	<	<
8270	250	25	207-08-9	T	ppb	Benzo (k) fluoranthene	370	<	<	<	<	<	<	<
8270	250	25	191-24-2	T	ppb	Benzo (g,h,i)perylene	<	<	<	<	<	<	<	<
8270	250	25	50-32-8	T	ppb	Benzo (a) pyrene	420	<	<	<	<	<	<	<
8270	100	50	100-51-6	T	ppb	Benzyl alcohol	<	<	<	<	<	<	<	<
8270	100	5.0	111-91-1	T	ppb	Bis(2-chloroethoxy)methane	<	<	<	<	<	<	<	<
8270	100	5.0	111-44-4	T	ppb	Bis(2-chloroethyl)ether	<	<	<	<	<	<	<	<
8270	100	5.0	39638-32-9	T	ppb	Bis(2-chloroisopropyl)ether	<	<	<	<	<	<	<	<
8270	100	3.0	117-81-7	T	ppb	Bis(2-ethylhexyl)phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	101-55-3	T	ppb	4-Bromophenyl phenyl ether	<	<	<	<	<	<	<	<
8270	100	5.0	85-68-7	T	ppb	Butyl benzyl phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	106-47-8	T	ppb	4-Chloroaniline	<	<	<	<	<	<	<	<
8270	100	5.0	91-58-7	T	ppb	2-Chloronaphthalene	<	<	<	<	<	<	<	<
8270	100	5.0	59-50-7	T	ppb	4-Chloro-3-methylphenol	<	<	<	<	<	<	<	<
8270	100	5.0	95-57-8	T	ppb	2-Chlorophenol	<	<	<	<	<	<	<	<
8270	100	5.0	7005-72-3	T	ppb	4-Chlorophenyl phenyl ehter	<	<	<	<	<	<	<	<
8270	100	5.0	218-0109	T	ppb	Chrysene	480	<	<	110	<	<	<	<
8270	100	25	53-70-3	T	ppb	Dibenz(a,h)anthracene	<	<	<	<	<	<	<	<
8270	100	5.0	132-64-9	T	ppb	Dibenzofuran	470	<	<	<	<	<	<	<
8270	250	5.0	84-74-2	T	ppb	Di-N-butyl phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	541-73-1	T	ppb	1,3-Dichlorobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	106-46-7	T	ppb	1,4-Dichlorobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	95-50-1	T	ppb	1,2-Dichlorobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	91-94-1	T	ppb	3,3-Dichlorobenzidine	<	<	<	<	<	<	<	<
8270	100	5.0	120-83-2	T	ppb	2,4-Dichlorophenol	<	<	<	<	<	<	<	<
8270	100	5.0	84-66-2	T	ppb	Diethyl phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	105-67-9	T	ppb	2,4-Dimethylphenol	<	<	<	<	<	<	<	<
8270	100	5.0	131-11-3	T	ppb	Dimethyl phthalate	<	<	<	<	<	<	<	<
8270	100	50	534-52-1	T	ppb	4,6-Dinitro-2-methylphenol	<	<	<	<	<	<	<	<
8270	100	50	51-28-5	T	ppb	2,4-Dinitrophenol	<	<	<	<	<	<	<	<
8270	250	5.0	121-14-2	T	ppb	2,4-Dinitrotoluene	<	<	<	<	<	<	<	<
8270	250	5.0	606-20-2	T	ppb	2,6-Dinitrotoluene	<	<	<	<	<	<	<	<
8270	250	25	117-84-0	T	ppb	Di-N-octyl phthalate	<	<	<	<	<	<	<	<
8270	100	5.0	206-44-0	T	ppb	Fluoranthene	1,400	<	<	110	<	<	<	<
8270	100	5.0	86-73-7	T	ppb	Fluorene	600	<	<	<	<	<	<	<
8270	100	5.0	118-74-1	T	ppb	Hexachlorobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	87-68-3	T	ppb	Hexachlorobutadiene	<	<	<	<	<	<	<	<
8270	100	5.0	77-47-4	T	ppb	Hexachlorocyclopentadiene	<	<	<	<	<	<	<	<
8270	100	5.0	67-72-1	T	ppb	Hexachloroethane	<	<	<	<	<	<	<	<
8270	250	25	193-39-5	T	ppb	Indeno(1,2,3-cd)pyrene	250	<	<	<	<	<	<	<
8270	100	5.0	78-59-1	T	ppb	Isophorone	<	<	<	<	<	<	<	<
8270	100	5.0	91-57-6	T	ppb	2-Methylnaphthalene	620	<	<	<	<	<	<	<
8270	100	5.0	95-48-7	T	ppb	2-Methylphenol	<	<	<	<	<	<	<	<
8270	100	5.0	106-44-5	T	ppb	4-Methylphenol	<	<	<	<	<	<	<	<
8270	100	5.0	91-20-3	T	ppb	Naphthalene	3,500	<	<	<	<	<	<	<
8270	250	50	88-74-4	T	ppb	2-Nitroaniline	<	<	<	<	<	<	<	<
8270	250	50	99-09-2	T	ppb	3-Nitroaniline	<	<	<	<	<	<	<	<
8270	250	50	100-01-6	T	ppb	4-Nitroaniline	<	<	<	<	<	<	<	<
8270	100	5.0	98-95-3	T	ppb	Nitrobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	88-75-5	T	ppb	2-Nitrophenol	<	<	<	<	<	<	<	<
8270	100	50	100-02-7	T	ppb	4-Nitrophenol	<	<	<	<	<	<	<	<
8270	100	5.0	86-30-6	T	ppb	N-Nitrosodiphenylamine	<	<	<	<	<	<	<	<

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8270	100	5.0	621-64-7	T	ppb	N-Nitroso-di-N-propylamine	<	<	<	<	<	<	<	<
8270	100	5.0	62-75-9	T	ppb	N-Nitrosodimethylamine	<	<	<	<	<	<	<	<
8270	250	50	87-86-5	T	ppb	Pentachlorophenol	<	<	<	<	<	<	<	<
8270	100	5.0	85-01-8	T	ppb	Phenanthrene	2,100	<	<	<	<	<	<	<
8270	100	5.0	108-95-2	T	ppb	Phenol	<	<	<	<	<	<	<	<
8270	100	5.0	129-00-0	T	ppb	Pyrene	1,100	<	<	110	<	<	<	<
8270	100	5.0	120-82-1	T	ppb	1,2,4-Trichlorobenzene	<	<	<	<	<	<	<	<
8270	100	5.0	95-95-4	T	ppb	2,4,5-Trichlorophenol	<	<	<	<	<	<	<	<
8270	100	5.0	88-06-2	T	ppb	2,4,6-Trichlorophenol	<	<	<	<	<	<	<	<
						Tested	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/12/97	11/18/97
						Dilution Factor	1	1	1	1	1	1	1	1
8080	20	5.0	12674-11-2	T	ppb	PCB-1016	<	<	<	<	<	<	<	<
8080	20	5.0	11104-28-2	T	ppb	PCB-1221	<	<	<	<	<	<	<	<
8080	20	5.0	11141-16-5	T	ppb	PCB-1232	<	<	<	<	<	<	<	<
8080	20	5.0	53469-21-9	T	ppb	PCB-1242	<	<	<	<	<	<	<	<
8080	20	5.0	12672-29-6	T	ppb	PCB-1248	<	<	<	<	<	<	<	<
8080	20	5.0	11097-69-1	T	ppb	PCB-1254	<	<	<	<	<	<	<	<
8080	20	5.0	11096-82-5	T	ppb	PCB-1260	50	<	<	<	<	<	35	<
						Tested								11/17/97
						Dilution Factor								1
8080	1.0	0.1	309-00-2	T	ppb	Aldrin								<
8080	1.0	0.2	319-84-6	T	ppb	alpha-BHC								<
8080	1.0	0.2	319-85-7	T	ppb	beta-BHC								<
8080	2.0	0.2	319-86-8	T	ppb	gamma-BHC								<
8080	1.0	0.2	58-89-9	T	ppb	gamma-BHC (Lindane)								<
8080	10	0.2	57-74-9	T	ppb	Chlordane								<
8080	2.0	0.5	72-54-9	T	ppb	4,4'-DDD								<
8080	5.0	0.1	72-55-9	T	ppb	4,4'-DDE								<
8080	1.0	0.1	50-29-3	T	ppb	4,4'-DDT								<
8080	2.0	0.5	60-57-1	T	ppb	Dieldrin								<
8080	1.0	0.5	959-98-8	T	ppb	Endosulfan I								<
8080	2.0	0.5	33213-65-9	T	ppb	Endosulfan II								<
8080	10	0.5	1031-07-8	T	ppb	Endosulfan sulfate								<
8080	2.0	0.02	72-20-8	T	ppb	Endrin								<
8080	2.0	0.2	7421-93-4	T	ppb	Endrin aldehyde								<
8080	1.0	0.1	76-44-8	T	ppb	Heptachlor								<
8080	1.0	0.2	1024-57-3	T	ppb	Heptachlor epoxide								<
8080	30	9.0	72-43-5	T	ppb	Methoxychlor								<
8080	35	0.5	8001-35-2	T	ppb	Toxaphene								<
						Tested	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	
8015m				T	ppm	Up to & Including C-12	0.93	<	<	<	<	3.9	<	
8015m				T	ppm	C13-22	22	<	<	32	<	79	18	
8015m				T	ppm	C23 & Higher	78	<	<	72	<	21	35	
8015m	8.0	0.5			ppm	Total	100	<	<	100	<	100	53	
						Tested	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97	11/13/97
8015m	8.0	0.5		T	ppm	Diesel	<	<	<	<	<	100	<	<
						Tested	11/17/97	11/17/97	11/17/97	11/17/97	11/17/97	11/17/97	11/17/97	11/17/97

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MWI 9711

8015m	5.0	0.05		T		ppm	Gas	<	<	<	<	<	<	<	<
9060	5.0	1.0		T		ppm	***Tested*** TOC								
9081	1.0	1.0		T		ppm	***Tested*** Cation Exchange Capacity								

(a) QC units for Method 8270 are reported in ng.

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MWI 9711

		QC(S)								QC(W)								QC(S2)		
W BR11 RINSATE BLANK 11/11/97 14:45 , N, H Y 11/11/97 15:00 W	W BT11 TRIP BLANK 11/11/97 , N, H Y 11/11/97 15:00 W																			
97110074	97110075	LAB SAMP NO.	R1	T CONC	SL[6]	DL[6]	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC	SL[6]	DL[6]	RECOVER	D RECOVER	RPD	LAB SAMP NO.	R1	T CONC
11/14/97		11/12/97								11/14/97										
<		97100440	0.0	100	100	100	100	100	0	OCA 100	0.0	2.5	2.2	2.1	88	84	5			
11/13/97		11/14/97								11/13/97										
<		97110066	0.0	30.0	27.2	27.3	91	91	0	97110073	0.00	3.00	3.01	3.06	100	102	2			
<		97110066	0.5	10.0	9.7	9.7	91	91	0	97110073	0.00	1.00	1.00	1.02	100	102	2			
<		97110066	8.7	10.0	17.0	17.1	83	84	1	97110073	0.00	0.100	0.102	0.103	102	103	1			
<		97110066	0.00	1.00	0.84	0.84	84	84	0	97110073	0.00	0.100	0.10	0.10	101	102	1			
<		97110066	0.08	1.00	0.95	0.95	87	87	0	97110073	0.00	0.100	0.10	0.10	100	102	2			
11/12/97		11/12/97								11/12/97										
<		97110067	0.00	1.00	1.00	1.00	100	100	0	97110074	0.00	0.50	0.51	0.50	102	100	2			
11/13/97		11/14/97								11/13/97										
<		97110066	2.20	5.00	6.55	6.59	87	88	1	97110073	0.00	0.100	0.10	0.10	99	101	2			
<		97110066	0.74	1.00	1.55	1.54	81	80	1	97110073	0.00	0.100	0.10	0.10	102	104	2			
<		97110066	2.60	1.00	3.54	3.56	94	96	1	97110073	0.00	0.100	0.104	0.105	104	105	1			
<		97110066	0.96	10.0	9.75	9.79	88	88	0	97110073	0.00	1.00	0.98	0.99	98	99	2			
11/14/97		11/14/97								11/14/97										
<		97110068	0.00	0.020	0.021	0.022	105	110	5	OCA100	0.00	0.020	0.023	0.022	115	110	4			
11/13/97		11/14/97								11/13/97										
<		97110066	0.0	10.0	8.2	8.3	82	83	1	97110073	0.00	1.00	0.99	1.02	99	102	3			
<		97110066	1.20	5.00	5.86	5.94	93	95	1	97110073	0.00	0.50	0.51	0.52	103	104	1			
<		97110066	0.0	10.0	9.8	9.8	98	98	0	97110073	0.00	1.00	0.98	1.03	98	103	5			
<		97110066	0.0	5.0	4.3	4.3	86	86	0	97110073	0.00	0.50	0.51	0.52	102	104	2			
<		97110066	0.0	30.0	30.9	31.0	103	103	0	97110073	0.00	3.00	2.91	2.93	97	98	1			
<		97110066	2.9	5.0	7.0	7.0	82	82	0	97110073	0.00	0.50	0.50	0.51	100	101	1			
<		97110066	4.8	5.0	8.8	8.9	80	82	1	97110073	0.00	0.100	0.102	0.104	102	104	2			

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11/13/97	11/13/97	11/12/97								11/13/97								11/14/97		
1	1																			
<	<	97110072	0.0	50	51	54	102	108	6	97110049	0.0	20	19	20	95	100	5	OCA 200	0.0	50
<	<																			
<	<																			
<	<																			
<	<																			
<	<																			
<	<	97110072	0.0	50	49	51	98	102	4	97110049	0.0	20	18	19	90	95	5	OCA 200	0.0	50
<	<																			
<	<																			
<	<																			
<	<																			
<	<																			
<	<																			
<	<	97110072	0.0	50	60	62	120	124	3	97110049	0.0	20	20	23	100	115	14	OCA 200	0.0	50
<	<																			
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BOE-C6-0084192

<	<																			
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<	<																			
<	<	97110072	0.0	50	53	55	106	110	4	97110049	0.0	20	19	21	95	105	10	OCA 200	0.0	50
<	<																			
<	<																			
<	<	97110072	0.0	50	51	53	102	106	4	97110049	0.0	20	17	19	85	95	11	OCA 200	0.0	50
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102	97																			
108	110																			
102	100																			
11/13/97		11/13/97								11/13/97										
1																				
<		97110068	0.0	50	40	39	80	78	3	OCA100	0.0	50	41	39	82	78	5			
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<		97110068	0.0	100	74	66	74	66	11	OCA100	0.0	100	55	52	55	52	6			
<		97110068	0.0	100	64	64	64	64	0	OCA100	0.0	100	65	64	65	64	2			
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<		97110068	0.0	50	36	36	72	72	0	OCA100	0.0	50	28	26	56	52	7			
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BOE-C6-0084194

<		97110068	0.0	50	41	37	82	74	10	OCA100	0.0	50	37	42	74	84	13					
<																						
<		97110068	0.0	100	73	68	73	68	7	OCA100	0.0	100	72	69	72	69	4					
<																						
<		97110068	0.0	100	60	60	60	60	0	OCA100	0.0	100	19	19	19	19	0					
<		97110068	0.0	50	40	38	80	76	5	OCA100	0.0	50	40	40	80	80	0					
<		97110068	0.0	50	39	37	78	74	5	OCA100	0.0	50	27	25	54	50	8					
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11/18/97		11/12/97								11/18/97												
1																						
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<		OCA200	0.0	250	92	68	37	27	30													
<										OCA100	0.0	20	7.1	9.5	36	48	29					
11/17/97										11/17/97												
1																						
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<										OCA100	0.0	1.0	0.58	0.59	58	59	2					
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11/13/97		11/13/97								11/13/97												
<		OCA 200	0.0	100	75	68	75	68	10	OCA 100	0.0	5	4.4	3.8	88	76	15					
11/17/97		11/17/97								11/17/97												

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MWI 9711

<		OCA200	0.0	50	51	55	102	110	8	97110073	0.0	0.250	0.264	0.230	106	92	14			

BOE-C6-0084196

SL[a]	DL[a]	RECOVER	D RECOVER	RPD

BOE-C6-0084197

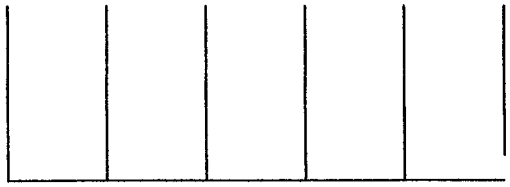
53	53	106	106	0
49	50	98	100	2
59	60	118	120	2

BOE-C6-0084198

56	57	112	114	2
50	50	100	100	0

BOE-C6-0084199

BOE-C6-0084200



BOE-C6-0084202

ORANGE COAST ANALYTICAL, INC.
3002 Dow, Suite 532
Tustin, CA 92680
(714) 832-0064, Fax (714) 832-0067

Analysis Request and Chain of Custody Record

Lab Job No: _____
Page 1 of 1

REQUIRED TAT: 24 hr TAT on Soil TRPH and PL-GS-16 5 day TAT on Soil Otherwise Standard TAT on Water

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY:	Montgomery Watson	PROJECT NAME:	The Boeing Company
SEND REPORT TO:	Fred Strauss	NUMBER:	1206035.01090010
ADDRESS:	250 N. Madison Ave. Pasadena, CA 91101	LOCATION:	C-6 Facility
		ADDRESS:	19503 S. Normandie Ave. Los Angeles, CA 90501
PHONE:	(626) 568-6582 FAX: (626) 796-5941	SAMPLED BY:	IV/CW

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	TRPH 418.1	Title 22 Metals	VOCs 8260	SVOCs 8270	PCBs 8080	Pesticides 8080	Carbon Chain	8015 Gasoline	8015 Diesel	REMARKS/PRECAUTIONS
WL-GS-13-5'	2	11/11/97	0930	SOIL	2"x6" SS SLEEVE	ICE	X	X	X	X	X		X	X	X	
WL-GS-14-4'	2	11/11/97	0940				X	X	X	X	X		X	X	X	
WL-GS-15-5'	2	11/11/97	0950				X	X	X	X	X		X	X	X	
WL-GS-16-5'	2	11/11/97	1005				X	X	X	X	X		X	X	X	
WL-GS-17-6'	2	11/11/97	1015				X	X	X	X	X		X	X	X	
PL-GS-16-2'	2	11/11/97	1315				X	X	X	X	X		X	X	X	
PL-GS-17-3'	2	11/11/97	1345				X	X	X	X	X		X	X	X	
Equipment Blank	9	11/11/97	1435	WATER	Amber Poly & VOAs	None Poly HCl	X	X	X	X	X	X		X	X	
Rinsate Blank	9	11/11/97	1445				X	X	X	X	X	X		X	X	
Trip Blank	2	11/11/97	—		2 VOAs	HCl			X							

Total No. of Samples: 10

Method of Shipment: 1 Cooler via Orange Coast Courier

Relinquished By:	Date/Time:	Received By:	Date/Time:
Ivan Vargas	11/11/97 1500		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
		[illegible]	11/17/97 15:00

Reporting Format: (check)
NORMAL _____ S.D. HMMD _____
RWQCB _____ OTHER _____

Sample Integrity: (check)
Intact _____ on ice ✓

All samples remain the property of the client who is responsible for sal. A disposal fee may be imposed if client fails to pickup samples.

BOE-C6-0084203